



42-003-00032

United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025-1855

March 19, 2003

Dr. Roger C. Westman
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: James W. Hagedorn

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Steve Hepler

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 03-0027
#3 Battery Igniter Flare
USS Clairton Works

Gentlemen:

The attached form revises our report of the outage. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

R. R. Terza
General Manager
Clairton Works Raw Materials

NOTICE OF BREAKDOWN OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 03-0027
2. Date & Time of Breakdown: Date: 03/19/03 Time: 0653 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #3 Battery Igniter Flare
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: Coke oven gas was intermittently flared on #3 Battery when a bad damper cylinder allowed the flare to open. The Igniter Flare was unavailable until the damper cylinder was replaced.

Date	Battery	Start Time	End Time	Duration Min. Sec.	Flared Yes No
03/19/03	3	06:53	07:03	4 20	Yes

8. Identification of Emissions:

- A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Released products of combustion of Coke Oven Gas.
- B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). Eye, Nose and Throat Irritant.
- C. Amount of each type emitted (or likely to be emitted).

Chemical	Quantity Released (lbs)
CO	<0.01
NO _x	<0.01
SO ₂	<0.05
VOC	<0.001

9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
The intermittent flaring was terminated at 0703 hours. The damper cylinder replacement was complete at 0900 hours.
10. Facility back in operation - Date: 03/19/03 Time: 0900 hours

Signature

Coleen M. Davis
Coleen M. Davis

Date

3/25/03

Senior Environmental Control Engineer Phone: 233-1015